

Amendment and Response

Applicant: Martin Brox

Serial No.: 10/585,151

Filed: October 16, 2007

Docket No.: Q601.131.101/2003P53957US

Title: VOLTAGE REGULATION SYSTEM

IN THE CLAIMS

Please amend claims 10, 19, and 21 as follows:

1-9. (Cancelled)

10. (Currently Amended) A voltage regulation system comprising:
an input of the voltage regulating system being presented with a first voltage;
an output of the voltage regulation system having the first voltage changed into a second voltage, which is available to be tapped at the output;
a first device for generating an essentially constant voltage from the first voltage, or a voltage derived from it; and
a further device for generating a variable further voltage from the first voltage or a voltage derived from it, the variable further voltage tracking the first voltage.

11. (Previously Presented) The voltage regulation system of claim 10, wherein the further voltage generated by the further device can be higher than the voltage generated by the first device.

12. (Previously Presented) The voltage regulation system of claim 10, wherein the further voltage generated by the further device is proportional to the first voltage or the voltage derived from it.

13. (Previously Presented) The voltage regulation system of claim 12, wherein the further device comprises a voltage divider circuit.

14. (Previously Presented) The voltage regulation system of claim 12, wherein the voltage generated by the first device or a voltage derived from it, and the further voltage generated by the further device, or a voltage derived from it, can be used for controlling a voltage regulation circuit device.

15. (Previously Presented) The voltage regulation system of claim 14, wherein the voltage

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generated by the first device or a voltage derived from it, and the further voltage generated by the further device, or a voltage derived from it, can be used as a reference voltage for the voltage regulation circuit device.

16. (Previously Presented) The voltage regulation system of claim 12, further comprising a device for activating and/or deactivating the further device to an activated and/or deactivated state.

17. (Previously Presented) The voltage regulation system of claim 16, wherein, in the activated state of the further device, the height of the level of the reference voltage used for the voltage regulation circuit device is determined by whichever of the voltages generated by the first and further device, or the voltages derived from them, exhibits the higher level.

18. (Previously Presented) The voltage regulation system of claim 16, wherein, in the deactivated state of the further device, the height of the level of the reference voltage used for the voltage regulation system circuit device is determined by the voltage generated by the first device or the voltage derived from it.

19. (Currently Amended) A method for the regulation of voltage comprising:
changing a first voltage into a second voltage, wherein the second voltage exhibits a lower voltage level than the first voltage;
generating an essentially constant voltage from the first voltage, or a voltage derived from it; and
generating a variable further voltage from the first voltage or a voltage derived from it, the variable further voltage tracking the first voltage, wherein the further voltage can be higher than the constant voltage generated from the first voltage or the voltage derived from it.

20. (Previously Presented) The method of claim 19, further comprising generating the further voltage such that it is proportional to the first voltage or the voltage derived from it.

21. (Currently Amended) A voltage regulation system comprising:
an input having a first voltage;

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an output having a second voltage;
a first device for generating an essentially constant voltage from the first voltage; and
means for generating a variable further voltage from the first voltage that tracks the first
voltage.

22. (Previously Presented) The voltage regulation system of claim 21, wherein the further voltage generated can be higher than the voltage generated by the first device.

23. (Previously Presented) The voltage regulation system of claim 21, wherein the further voltage generated is proportional to the first voltage.

24. (Previously Presented) The voltage regulation system of claim 21, further comprising a voltage divider circuit.

25. (Previously Presented) The voltage regulation system of claim 21, wherein the voltage generated by the first device and the further voltage generated can be used for controlling a voltage regulation circuit device.

26. (Previously Presented) The voltage regulation system of claim 21, wherein the voltage generated by the first device and the further voltage generated can be used as a reference voltage for the voltage regulation circuit device.

27. (Previously Presented) The voltage regulation system of claim 21, further comprising a further device for generating the further voltage from the first voltage and further comprising a device for activating and/or deactivating the further device to an activated and/or deactivated state.

28. (Previously Presented) The voltage regulation system of claim 27, wherein, in the activated state of the further device, the height of the level of the reference voltage used for the voltage regulation circuit device is determined by whichever of the voltages generated by the first and further device exhibits the higher level.

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29. (Previously Presented) The voltage regulation system of claim 27, wherein, in the deactivated state of the further device, the height of the level of the reference voltage used for the voltage regulation system circuit device is determined by the voltage generated by the first device or the voltage derived from it.